

## NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 7-8-00 are:

A.  not objected to by the Draftperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

<p><b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings:  <input type="checkbox"/> Black ink. Color.  <input type="checkbox"/> Color drawing are not acceptable until petition is granted.  <input type="checkbox"/> Fig.(s) _____  <input type="checkbox"/> Pencil and non black ink is not permitted. Fig(s) _____</p> <p><b>2. PHOTOGRAPHS.</b> 37 CFR 1.84(b)  <input type="checkbox"/> Photographs are not acceptable until petition is granted.  <input type="checkbox"/> 3 full-tone sets are required. Fig(s) _____  <input type="checkbox"/> Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____  <input type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p> <p><b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)  <input type="checkbox"/> Paper not flexible, strong, white and durable.  <input type="checkbox"/> Fig.(s) _____  <input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)  <input type="checkbox"/> Mylar, vellum paper is not acceptable (too thin).  <input type="checkbox"/> Fig(s) _____</p> <p><b>4. SIZE OF PAPER.</b> 37 CFR 1.84(F): Acceptable sizes:  <input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)  <input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  <input type="checkbox"/> All drawings sheets not the same size.  <input type="checkbox"/> Sheet(s) _____</p> <p><b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins:    Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm    SIZE: A4 Size    Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm    SIZE: 8 1/2 x 11  <input type="checkbox"/> Margins not acceptable. Fig(s) _____  <input type="checkbox"/> Top (T) _____ Left (L) _____  <input type="checkbox"/> Right (R) _____ Bottom (B) _____</p> <p><b>6. VIEWS.</b> CFR 1.84(h)  <b>REMINDER:</b> Specification may require revision to correspond to drawing changes.  <input type="checkbox"/> Views connected by projection lines or lead lines.  <input type="checkbox"/> Fig.(s) _____  <b>Partial views.</b> 37 CFR 1.84(h)(2)  <input type="checkbox"/> Brackets needed to show figure as one entity.  <input type="checkbox"/> Fig.(s) _____  <input type="checkbox"/> Views not labeled separately or properly.  <input type="checkbox"/> Fig.(s) _____  <input type="checkbox"/> Enlarged view not labeled separately or properly.  <input type="checkbox"/> Fig.(s) _____</p>	<p><b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84(h)(3)  <input type="checkbox"/> Hatching not indicated for sectional portions of an object.  <input type="checkbox"/> Fig.(s) _____  <input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) _____</p> <p><b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)  <input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____  <input type="checkbox"/> Views not on the same plane on drawing sheet. Fig.(s) _____</p> <p><b>9. SCALE.</b> 37 CFR 1.84(k)  <input type="checkbox"/> Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.  <input type="checkbox"/> Fig.(s) _____</p> <p><b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b> 37 CFR 1.84(l)  <input type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black (poor line quality).  <input type="checkbox"/> Fig.(s) <u>1-8</u></p> <p><b>11. SHADING.</b> 37 CFR 1.84(m)  <input type="checkbox"/> Solid black areas pale. Fig.(s) _____  <input type="checkbox"/> Solid black shading not permitted. Fig.(s) _____  <input type="checkbox"/> Shade lines, pale, rough and blurred. Fig.(s) _____</p> <p><b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b>    37 CFR 1.48(p)  <input type="checkbox"/> Numbers and reference characters not plain and legible.  <input type="checkbox"/> Fig.(s) <u>1-8</u>  <input type="checkbox"/> Figure legends are poor. Fig.(s) _____  <input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____  <input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____  <input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) _____</p> <p><b>13. LEAD LINES.</b> 37 CFR 1.84(q)  <input type="checkbox"/> Lead lines cross each other. Fig.(s) _____  <input type="checkbox"/> Lead lines missing. Fig.(s) _____</p> <p><b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.48(t)  <input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____</p> <p><b>15. NUMBERING OF VIEWS.</b> 37 CFR 1.84(u)  <input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____</p> <p><b>16. CORRECTIONS.</b> 37 CFR 1.84(w)  <input type="checkbox"/> Corrections not made from PTO-948 dated _____</p> <p><b>17. DESIGN DRAWINGS.</b> 37 CFR 1.152  <input type="checkbox"/> Surface shading shown not appropriate. Fig.(s) _____  <input type="checkbox"/> Solid black shading not used for color contrast.  <input type="checkbox"/> Fig.(s) _____</p>
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### COMMENTS

REVIEWER J.C. DATE 5/16/00 TELEPHONE NO. 703-205-8470

ATTACHMENT TO PAPER NO \_\_\_\_\_

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## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. IA, Fig. IB, Fig. IC, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### **1. Correction of Informalities--37 CFR 1.85**

File new drawings with the changes incorporated in the drawings after the filing of the application. Inventor's name, docket number, date, and the name of attorney or agent, if present, of record. If unable to match the drawings with the name and address of the inventor or attorney or agent, file a corrected application with the drawings and a statement of Allowability (PTO Form 1449) indicating the drawings are in accordance with the specification. The drawings should reflect all changes.

### **2. Timing of Corrections**

A timely correction of informalities will be made by the Office as soon as possible. If the drawings are filed with a statement of Allowability (PTO Form 1449), the drawings will be processed as soon as possible.

Failure to file a statement of Allowability will result in a rejection.

### **3. Corrective Subject Matter**

Subject matter which is not patentable under 35 U.S.C. 101, 102, 103, or 112, or which is not enabled under 35 U.S.C. 111, 112, or 113, may be rejected.